

## INTERNATIONAL SEARCH REPORT

PCT/EP2004/053672

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 E21B47/10 G01F1/688 G01F1/684 G01F1/74

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 E21B G01F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, TULSA, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 01/75403 A (BROWN GEORGE ALBERT ;SENSOR HIGHWAY LTD (GB)) 11 October 2001 (2001-10-11) cited in the application the whole document	1
A	US 6 497 279 B1 (WILLIAMS GLYNN R ET AL) 24 December 2002 (2002-12-24) claim 1	1
A	G.H. LANIER ET AL: "Brunei Field Trial of a Fibre Optic Distributed Temperature Sensor (DTS) System in a 1,000m Open Hole Horizontal Oil Producer" SPE # 84324, 5 October 2003 (2003-10-05), pages 1-6, XP002278415 the whole document	1

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

## \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

16 February 2005

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22/02/2005

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 99/45235 A (SHELL CANADA LTD ;SHELL INT RESEARCH (NL)) 10 September 1999 (1999-09-10) abstract -----	1
A	WO 01/04581 A (BROWN GEORGE ALBERT ;SENSOR HIGHWAY LTD (GB)) 18 January 2001 (2001-01-18) abstract -----	1

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